

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended): An electronic equipment, comprising:
a display portion for switching and displaying a two-dimensional image and a three-dimensional image by selecting formation of a parallax optic; and

a control portion for controlling a display on said display portion,

said control portion instructing switching of the display between said two-dimensional image and said third-dimensional image involving said parallax optic, and generating a data for two-dimensional display and a data for three-dimensional display from a common data based on said ~~instruction~~ instructing.

2. (original) The electronic equipment according to claim 1, wherein said display portion includes a liquid crystal device electrically selecting presence/absence of said parallax optic.

3. (original) The electronic equipment according to claim 2, wherein said liquid crystal device includes a two-dimension/three-dimension switching liquid crystal device and a patterning phase contrast plate.

4. (original) The electronic equipment according to claim 2, wherein said liquid crystal device includes a liquid crystal device selectively performing pattern display of a parallax barrier.

5. (original) The electronic equipment according to claim 1, wherein

said common data includes image data corresponding to several views, and

said control portion generates said data for the two-dimensional display based on one of said image data corresponding to said several views.

6. (original) The electronic equipment according to claim 5, wherein said display portion includes a liquid crystal device electrically selecting presence/absence of said parallax optic.

7. (original) The electronic equipment according to claim 6, wherein said liquid crystal device includes a two-dimension/three-dimension switching liquid crystal device and a patterning phase contrast plate.

8. (original) The electronic equipment according to claim 6, wherein said liquid crystal device includes a liquid crystal device selectively performing pattern display of a parallax barrier.

9. (currently amended): The electronic equipment according to claim 1, wherein

said common data includes image data corresponding to said several views, and

said control portion generates said data for the two-dimensional display based on one of said image data corresponding to said several views extracted selectively.

10. (original) The electronic equipment according to claim 9, wherein said display portion includes a liquid crystal device electrically selecting presence/absence of said parallax optic.

11. (original) The electronic equipment according to claim 10, wherein said liquid crystal device includes a two-dimension/three-dimension switching liquid crystal device and a patterning phase contrast plate.

12. (original) The electronic equipment according to claim 10, wherein said liquid crystal device includes a liquid crystal device selectively performing pattern display of a parallax barrier.

13. (currently amended): The electronic equipment according to claim 1, wherein

said common data includes image data representing a two-dimensional image,

said data for three-dimensional display includes image data corresponding to said several views, and

said control portion generates said image data corresponding to said several views based on said image data representing the two-dimensional image.

14. (original) The electronic equipment according to claim 13, wherein said display portion includes a liquid crystal device electrically selecting presence/absence of said parallax optic.

15. (original) The electronic equipment according to claim 14, wherein said liquid crystal device includes a two-dimension/three-dimension switching liquid crystal device and a patterning phase contrast plate.

16. (original) The electronic equipment according to claim 14, wherein said liquid crystal device includes a liquid crystal device selectively performing pattern display of a parallax barrier.

17. (currently amended): An electronic equipment, comprising:
a memory for storing a common data used commonly for display of a two-dimensional image and display of a three-dimensional image;

a display portion for displaying one of said two-dimensional image and said three-dimensional image by selectively forming a state where an optical parallax is generated;

a display control portion for controlling an operation of said display portion based on an input signal; and

a control portion for controlling said memory and an operation of said display control portion,

said control portion detecting an instruction to display one of said two-dimensional image and said three-dimensional image, generating a data for the display of said two-dimensional image and

a data for the display of said three-dimensional image based on said common data read from said memory in accordance with said instruction, and outputting a command for enabling the display of one of said two-dimensional and three-dimensional images and said generated data for the display, to said display control portion.

18. (currently amended): The electronic equipment according to claim 17, wherein

said display portion includes

a plurality of display elements and

switching means for causing said optical parallax to be selectively generated with respect to images displayed by said plurality of display elements,

said two-dimensional image is displayed when said switching means attains a state where said optical parallax is not generated,

said common data includes data corresponding to at least left and right ~~several~~ eye positions,

said data corresponding to several views which correspond to respective said display elements, and

said control portion generates the data for the display of said two-dimensional image based on portions of said data corresponding to said several views read from said memory.

19. (original) The electronic equipment according to claim 18, wherein

said display portion displays said two-dimensional image based on said data for the display of a predetermined amount, and

said control portion generates said data for the display of said predetermined amount by duplicating one of said data corresponding to said several views read from said memory.

20. (currently amended): The electronic equipment according to claim 18, wherein

said display portion displays said two-dimensional image based on said data for the display of a predetermined amount,

data corresponding to said display elements include a first data for causing said parallax to exceed a predetermined parallax and second data for causing said parallax not to exceed said predetermined parallax, and

said control portion generates a duplicate data by duplicating said first data on a predetermined basis, and generates said data for the display of said predetermined amount by combining said first data, said duplicate data and said second data.